

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A coxsackievirus genome having a *pol* gene that encodes an RNA-dependent RNA polymerase, the genome being modified to produce an attenuated virus, the genome further comprising at least one *pol* gene modification that causes the polymerase to have increased fidelity as compared with a polymerase from a coxsackievirus genome that does not comprise the *pol* gene modification, wherein said *pol* gene modification results in an amino acid change in the RNA-dependent RNA polymerase selected from the group consisting of GLY328SER, GLY328CYS, GLY328ALA, GLY328LEU, GLY328ILE, TYR327PHE, LEU194VAL and GLU213GLY, wherein the increased fidelity results in a decreased reversion rate from attenuated virus to non-attenuated virus as compared with an equivalent coxsackievirus genome without the *pol* gene modification.

2-9. (Canceled).

10. (Previously presented) The coxsackievirus genome of claim 1, wherein the *pol* gene modification comprises a mutation resulting in an alteration of the RNA polymerase active site.

11. (Previously presented) The coxsackievirus genome of claim 1, having a reversion rate at least two-fold decreased as compared with an equivalent virus without the *pol* gene modification.

12. (Previously presented) A viral vector for delivering a heterologous nucleic acid to a target cell, tissue or organ, comprising the coxsackievirus genome of claim 1, said genome further comprising at least one cloning site for insertion of an expressible heterologous nucleic acid.

13. (Original) The vector of claim 12, comprising an expressible heterologous nucleic acid encoding an antigenic molecule.

14. (Original) The vector of claim 12, comprising an expressible heterologous nucleic acid encoding a biologically active molecule.

15. (Previously presented) A live, attenuated viral vaccine comprising the coxsackievirus genome of claim 1.

Claims 16-30: Canceled.

31. (Previously presented) The coxsackievirus genome of claim 1, which is a coxsackievirus B3 genome.